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Silo Bag

UV-stabilized, multi-layer Silo Bags for on-farm storage of grains, oilseeds and silage—durable, economical and easy to deploy. Available from STIPL Agritech.

On-farm grain storage bags with UV-stabilized 7-layer construction

Heavy-duty PE silo bags for safe, flexible and economical storage of grains, oilseeds and forage on the field.

Silo Bags provide a fast, scalable and economical solution for on-farm storage of cereals, pulses, oilseeds and silage. Built with multi-layer, UV-stabilized polyethylene, they offer excellent puncture/tear resistance and a controlled atmosphere that helps preserve grain quality.

- **Construction:** 7-layer co-extruded PE (outer white reflective layer, inner black opaque)
- **Typical sizes:** 60–90 m length; 2.4–3.0 m diameter (custom on request)
- **Strength:** High tensile/tear resistance for filling, handling and aeration
- **UV Life:** Long-life stabilization for outdoor use
- **Compatibility:** Suitable with bagging/extraction machines; valves/ports optional

Applications

- On-farm storage of wheat, maize, soybeans, paddy, pulses and oilseeds
- Silage storage for dairy and livestock operations
- Buffer storage during harvest peaks and logistics bottlenecks

Key Advantages

- Rapid deployment with low capex vs. permanent silos
- White/black layers reduce heat load and block light
- Reduced insect infestation risk with low O_2 / high CO_2 environment
- Minimized handling losses; flexible capacity—add more bags as needed

Usage Tips: Prepare a clean, well-drained, level base; avoid sharp stones; maintain proper compaction during filling; monitor bag integrity and end seals periodically.

Grain Preservation
Low O2 environment prevents insect and mold growth.

Cost-Effective Storage
Scalable bags reduce need for permanent silos.

Weather Resistance
UV-stabilized bags ensure outdoor durability.

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